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CITY OF RIPON



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

YEAR ENDING 31ST DECEMBER, 1948

Metcalfes & Harper, Printers, Ripon.

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CITY OF RIPON.

MAYOR DURING THE YEAR 1948 :
COUNCILLOR W. H. CLAYDEN, J.P.

CHAIRMAN OF HEALTH COMMITTEE :
COUNCILLOR W. N. WELLS.

CHAIRMAN OF HOUSING COMMITTEE :
COUNCILLOR F. C. LOWLEY.

PUBLIC HEALTH STAFF.

Medical Officer of Health :
N. V. HEPPLER, M.D., D.P.H.
(also W.R.C.C. Divisional Medical Officer).

Sanitary Inspector and Inspector of Meat and other Foods :
W. L. INGHAM, M.R.San.I., M.S.I.A.

Divisional Clerical Staff :
Chief Clerk : L. R. WILKINSON (commenced 15/3/48).
Miss G. KING.
Miss B. GAULT (commenced 10/5/48).
Miss P. M. L. BROOKS (commenced 3/5/48).
Miss D. F. BELL (commenced 27/9/48).

CITY OF RIPON.

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

For the year ended 31st December, 1948.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE CITY
OF RIPON.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present to you my second Annual Report, dealing with the work of your Health Department during the year 1948.

From a public health point of view, the year has been marked by the coming into operation of the National Health Service Act in July, and the consequent work involved in the many re-arrangements of health services between the Regional Hospital Boards, the Local Health Authorities, and the County District Councils.

In Ripon the year also saw the setting up of the Divisional Health Scheme, which should ensure a proper marriage between the environmental health services of the Corporation and the personal health services of the County Council.

The Report contains a short description of these latter services.

The sections dealing with sanitation, housing and the supervision of food have once more been written by Mr. Ingham, to whose experience and wisdom the Department owes a great deal.

In conclusion, I should like to take this opportunity of saying how much I appreciate the kindness and co-operation I have invariably received from the Chairman and members of the Health Committee and from the Town Clerk and other officers of the Corporation.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

N. V. HEPPLÉ,
Medical Officer of Health.

SECTION A.**Statistics :**

Registrar General's estimate of population (mid. 1948)	..	9,669
Area (in acres)	.. .. .	1,812
Number of inhabited houses	.. .. .	2,773
Rateable value (1st April, 1948)	.. .. .	£63,288
Sum represented by a penny rate 1948-49 (estimated)	..	£255/8/6

SOCIAL CONDITIONS OF THE AREA.

Ripon is the market town for a large agricultural area. The industries carried on in the City include Paint and Varnish Manufacturing, Concrete Products and Agriculture.

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR 1948.**Live Births :**

					<i>Total</i>		<i>Male</i>		<i>Female</i>
Legitimate	..	..	..	..	155	..	74	..	81
Illegitimate	..	..	..	..	13	..	7	..	6
Total	..	..	..	..	168	..	81	..	87

Birth rate per 1,000 population : 17.4.

Still Births :

					<i>Total</i>		<i>Male</i>		<i>Female</i>
Legitimate	..	..	..	..	2	..	1	..	1
Illegitimate	..	..	..	..	-	..	-	..	-
Total	..	..	..	..	2	..	1	..	1

Still birth rate per 1,000 total (live and still) births : 11.76.

					<i>Total</i>		<i>Male</i>		<i>Female</i>
Deaths	..	..	..	..	113	..	47	..	66

Death Rate per 1,000 population : 11.7.

Maternal Mortality :

						<i>Rate per 1,000</i>	
						<i>Deaths</i>	<i>total births</i>
Puerperal Sepsis	-	..	-
Other Maternal Causes	-	..	-

Infantile Mortality :

					<i>Total</i>		<i>Male</i>		<i>Female</i>
Legitimate	..	..	..	..	3	..	1	..	2
Illegitimate	..	..	..	..	-	..	-	..	-
Total	..	..	..	..	3	..	1	..	2

Death Rate of Infants under one year of age :

All Infants per 1,000 live births	..	..	..	..	17.6
Legitimate Infants per 1,000 legitimate births	..	..	..	..	12.90
Illegitimate Infants per 1,000 illegitimate births	..	..	..	..	0.0
Deaths from Measles (all ages)	..	..	..	..	0
Deaths from Whooping Cough (all ages)	..	..	..	..	0
Deaths from Diarrhoea (under 2 years of age)	..	..	..	..	1
Deaths from Cancer (all ages)	..	..	..	..	25

NOTES ON VITAL STATISTICS.**Births.**

The Birth Rate of 17.4 again shows a decrease from that of the previous year, and compares with a rate of 17.9 for England and Wales.

Deaths.

The Death Rate of 11.7 is lower than that for 1947, but slightly higher than the rate for the whole country.

The chief causes of death in the order of their frequency were Heart Disease, Cancer, Intracranial Vascular Lesions and Respiratory Infections.

Natural Increase of Population.

The number of births exceeded the number of deaths by 55.

Infantile Mortality.

Three children under 1 year of age died during the year, giving an Infantile Mortality rate of 17.6. The rate for the previous year was 38.04 and that for England and Wales 34.00. The following table gives the ages at death of these three children.

TABLE I.

					<i>Male</i>	<i>Female</i>	<i>Total</i>
Days	0— 1	..	..	..	1	-	1
	— 7	..	..	..	-	-	-
	—14	..	..	..	-	-	-
	—31	..	..	..	-	-	-
Months	— 6	..	..	..	-	1	1
	—12	..	..	..	1	-	1
Total under 1 year		..	..	..	2	1	3

The causes of death can be analysed as follows :

Prematurity ..	1
Infection, respiratory and gastro intestinal	2

This is the lowest infantile mortality ever recorded in Ripon and is a most satisfactory result of the improved standards of maternal and child care which now prevail.

Maternal Mortality.

There were no maternal deaths during the year. The Maternal Mortality Rate of England and Wales for 1948 was 1.03 per 1,000 total births.

CAUSES OF DEATH.

REGISTRAR-GENERAL'S RETURN.

Table II.

<i>Diseases</i>		1948		<i>Total</i>
		<i>Male</i>	<i>Female</i>	
1.	Typhoid and Paratyphoid Fevers ..	-	-	-
2.	Cerebro-spinal Fever	-	-	-
3.	Scarlet Fever	-	-	-
4.	Whooping Cough	-	-	-
5.	Diphtheria	-	-	-
6.	Tuberculosis of Respiratory System ..	-	1	1
7.	Other forms of Tuberculosis	-	-	-
8.	Syphilitic Disease	-	-	-
9.	Influenza	-	1	1
10.	Measles	-	-	-
11.	Acute Poliomyelitis and Polioencephalitis	-	-	-
12.	Acute Infectious Encephalitis ..	-	-	-
13M.	Cancer of Buccal Cavity and Oesophagus (males only)	-	-	-
13F.	Cancer of Uterus	-	2	2
14.	Cancer of Stomach and Duodenum ..	3	1	4
15.	Cancer of Breast	-	5	5
16.	Cancer of all other sites	4	10	14
17.	Diabetes	-	1	1
18.	Intracranial Vascular Lesions	6	10	16
19.	Heart Disease	18	14	32
20.	Other diseases of Circulatory System ..	1	1	2
21.	Bronchitis	2	6	8
22.	Pneumonia	4	1	5
23.	Other Respiratory Diseases	-	1	1
24.	Ulceration of stomach or duodenum ..	-	-	-
25.	Diarrhoea (under 2 years of age) ..	-	1	1
26.	Appendicitis	-	-	-
27.	Other Digestive Diseases	-	-	-
28.	Nephritis	1	1	2
29.	Puerperal and post abortive Sepsis ..	-	-	-
30.	Other Maternal Causes	-	-	-
31.	Premature Birth	-	1	1
32.	Congenital Malformations, Birth Injury, Infantile Disease	-	-	-
33.	Suicide	-	-	-
34.	Road Traffic Accidents	-	-	-
35.	Other Violent Causes	-	2	2
36.	All other causes	8	7	15
		47	66	113

DEATHS OCCURRING IN VARIOUS AGE GROUPS.

Table III.

Ages							M	F
Under 1 year		..	..	..	..	..	1	2
1 and under	3	..	..	..	..	..	1	-
3	5	..	..	..	..	..	-	-
5	15	..	..	..	..	..	-	-
15	25	..	..	..	..	..	-	-
25	35	..	..	..	..	..	1	-
35	45	..	..	..	..	..	-	2
45	55	..	..	..	..	..	2	3
55	65	..	..	..	..	..	7	7
65	75	..	..	..	..	..	12	21
75	85	..	..	..	..	..	16	22
85	90	..	..	..	..	..	3	8
90	95	..	..	..	..	..	4	1
95 and over		..	..	..	..	..	-	-
							—	—
Total							47	66
							—	—

Birth Rates, Civilian Death Rates, Analysis of Mortality, Maternal Mortality and Case Rates for certain Infectious Diseases in the year 1948. Provisional figures based on Quarterly Returns.

Table IV.

	England and Wales	126 C.B.s, and great towns including London	148 smaller towns Resident Pop. 25,000—50,000 1931 Census	London Adm. County	Ripon
Births.		Rates per 1,000 civilian population			
Live Births	17.9	20.0	19.2	20.1	17.4
Still Births	0.42	0.52	0.43	0.39	0.21
Deaths.					
All causes	10.8	11.6	10.7	11.6	11.7
Typhoid and Paratyphoid	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.02	0.02	0.02	0.01	0.00
Diphtheria	0.00	0.00	0.00	0.01	0.00
Tuberculosis	0.51	0.59	0.46	0.63	0.00
Influenza	0.03	0.03	0.04	0.02	0.21
Smallpox	—	—	—	—	0.00
Acute Poliomyelitis and Encephalitis	0.01	0.01	0.01	0.00	0.00
Pneumonia	0.41	0.38	0.36	0.54	0.10

Table IV—continued.

Notifications (Corrected)					
Typhoid	0.01	0.00	0.01	0.00	0.00
Paratyphoid					
Fever	0.01	0.01	0.01	0.01	0.00
Cerebro-spinal					
Fever	0.03	0.03	0.02	0.03	0.00
Scarlet Fever	1.73	1.90	1.82	1.37	2.48
Whooping					
Cough	3.42	3.51	3.31	3.13	1.13
Diphtheria	0.08	0.10	0.09	0.10	0.00
Erysipelas	0.21	0.23	0.21	0.22	0.10
Smallpox	—	—	—	—	0.00
Measles	9.34	9.75	8.84	9.17	0.10
Pneumonia	0.73	0.84	0.60	0.57	0.10
Acute					
Poliomyelitis	0.04	0.05	0.04	0.04	0.00
Acute					
Polioencephalitis	0.00	0.00	0.00	0.00	0.00
Deaths.		Rates per 1,000 live births			
All causes under 1 year of age	34	39	32	31	17.6
Enteritis and Diarrhoea under 2 years of age	3.3	4.5	2.1	2.4	5.59
Notifications (Corrected)		Rates per 1,000 Total (Live & Still) Births			
Puerperal Fever and Pyrexia	6.89	8.90	4.71	7.34	5.88

Maternal Mortality in England and Wales.

No. 140 Abortion with Sepsis	No. 141 Abortion without Sepsis	No. 147 Puerperal Infections	Nos. 142-6 148-150 Other Maternal causes	Ripon
0.11	0.05	0.13	0.73	—

Abortion—Mortality per million women aged 15—45—England and Wales.

No. 140 with Sepsis	No. 141 without Sepsis	Ripon
9	4	—

RECORD OF VITAL STATISTICS FOR PAST 20 YEARS.**Table V.**

Year	Popu- lation	No. of Births	Birth Rate	Infant Mort. Rate	Mat'l Mort. Rate	Still- birth Rate	No. of Deaths	Death Rate *
1929	8407	115	13.67	86.95			121	15.58
1930	8407	127	15.10	78.74			102	11.91
1931	8495	133	15.60	60.10	13.70	34.93	123	14.47
1932	8418	143	15.60	20.90	6.05	38.22	128	15.20
1933	8453	119	14.07	75.63	7.30	58.40	134	15.85
1934	8438	130	15.40	23.07	0.00	51.09	114	11.38 *
1935	8452	137	16.10	43.79	6.85	61.64	102	10.13
1936	8433	124	14.70	56.45	7.75	38.76	131	13.04
1937	8542	136	15.90	58.80	0.00	55.50	137	13.47
1938	8474	140	16.52	57.14	6.99	20.98	123	12.18
1939	9094	136	16.11	36.76	0.00	48.95	135	12.46
1940	9914	161	16.24	54.54	0.00	48.48	141	13.79
1941	9877	186	18.23	66.66	5.23	26.17	123	12.06
1942	9662	176	18.21	28.40	5.46	38.25	113	11.69
1943	9368	174	18.57	40.23	0.00	43.95	129	13.77
1944	8994	206	22.90	29.12	0.00	32.86	122	13.56
1945	8879	172	19.37	58.14	0.00	22.71	123	13.85
1946	9177	193	21.00	36.00	10.05	31.08	112	12.20
1947	9228	184	19.94	38.04	5.43	27.17	130	14.09
1948	9669	168	17.40	17.6	0.00	11.76	113	11.70

*Crude Death Rate 1929—1933 inclusive and from 1940—1948 inclusive.
Adjusted Death Rate 1934—1939 inclusive.

SECTION B.**GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.****Public Health Officers of the Authority.**

The Medical Officer of Health also acts in a similar capacity to the Ripon and Pateley Bridge Rural District Council and is Divisional Medical Officer to the West Riding County Council. The Divisional Health Office opened in Ripon on 1st February, 1948.

The Sanitary Inspector also acts as Cleansing Superintendent and is responsible for the meat inspection at the centralised slaughtering depot in Ripon. He is also the Housing Estates Manager for the Corporation and deals with the letting of Council Houses.

Health Services in Ripon.

On July 5th, 1948, the National Health Service Act came into operation, giving rise to some alterations in the structure of the local health services. The County Council ceased to be a Hospital Authority and their hospitals, together with the voluntary hospitals of the area, came under the control of the Regional Hospital Board. The County Institution in Allhallowgate was not taken over by the Board, and has been used for the provision of residential accommodation by the County Council in pursuance of their powers under the National Assistance Act,

The staff and equipment of the District Nursing Associations were taken over by the County Council and integrated Home Nursing and Midwifery Services were set up.

The provision of vaccination and immunisation also became wholly a responsibility of the County Council.

A County Ambulance Service was also inaugurated. In Ripon, however, the St. John Ambulance Brigade, which has long maintained a most efficient service continues to act as agent of the local health authority in this matter.

HEALTH SERVICES PROVIDED BY THE CORPORATION.

Mortuary.

The Corporation Mortuary is situated in Skellbank and has accommodation for two bodies. The Mortuary is also used by the Ripon and Pateley Bridge Rural District. 4 bodies were admitted from that area and 7 bodies from Ripon City.

The causes of death were as follows :—

Heart disease	.. .. .	8
Diseases of the Digestive System	..	1
Accidents	.. .. .	2
		—
Total	..	11
		—

The average length of stay was 1-7/9th days.

HEALTH SERVICES PROVIDED BY THE COUNTY COUNCIL.

School Health Service.

The Medical Officer of Health is also Divisional School Medical Officer. Dr. Ashmore is Assistant School Medical Officer. Routine school medical inspections are carried out and also examinations of special cases. School nurses visit the schools regularly. A Minor Ailments Clinic is held at Alma House every morning from Monday to Friday. Specialist clinics for orthopaedic, paediatric, ophthalmic and ear, nose and throat care are also provided.

Care of Mothers.

A weekly ante-natal and post-natal clinic is held by a specialist obstetrician.

Domiciliary Midwifery Service.

One midwife normally works in the City.

Child Welfare Service.

A weekly welfare centre is held at Alma House. The Voluntary Associations continue to give valuable help.

Health Visiting.

Two Health Visitors work in the City. These officers provide advice and help to mothers and sick or aged persons. They provide information for hospitals, doctors and clinics and can be described as the eyes and ears of the Health Department.

Home Nursing Service.

One Home Nurse normally operates in the City.

Home Help Service.

Home Helps are provided in suitable cases and are proving most valuable

Mental Health Service.

Supervision and care are provided for mental defectives. Case histories and background reports are provided in cases of mental illness on request. A Mental Health Social Worker is employed.

Prevention of illness, care and after care.

The various officers of the Local Health Authority and the officers of the Corporation Health Dept. work as a team in respect of this work. The Local Health Authority provides residential accommodation at Sharow View, Allhallowgate. A Tuberculosis Visitor does valuable work.

Ambulance Service.

The St. John Ambulance Brigade maintains an Ambulance Service on behalf of the County Council. The Ambulance Officer has kindly supplied the following details of the work undertaken during the year:—

	1947	1948
Mileage of Ambulance ..	9,385	9,691
Number of patients conveyed	476	421
Drivers' time (hours) ..	920	964
Attendants' time (hours) ..	1,450	1,125

Venereal Disease.

A Social Worker is employed by the County Council who works in close co-operation with the Special Treatment Clinics serving the City, undertaking contact tracing and preventive work.

HOSPITAL SERVICES PROVIDED BY THE REGIONAL HOSPITAL BOARD.

Infectious Diseases.

The City is served by the Ripon Isolation Hospital.

Smallpox.

Accommodation is provided by the Board as required.

Nursing Homes.

There were two privately owned Nursing Homes in the City during the year.

General Hospitals.

The City is served by the Ripon and District Hospital and by the Hospitals of Harrogate and Leeds.

Sanatoria.

The Board provides Sanatoria at Scotton Banks and at Middleton-in-Wharfedale.

Maternity Hospitals.

There are 8 beds in the Ripon Maternity Unit. Beds are also provided in Harrogate.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

Samples of water have been taken for examination, and the following tables indicate the results.

Bacteriological Water Samples.

No. of samples	Taken from :	Satisfactory	Doubtful	Unsatisfactory
2	Waterworks (sand filtrate)	2	-	-
2	do (mech. filtrate)	2	-	-
2	do (final filtrate)	2	-	-
1	Whitefields Serv. Res.	1	-	-
7	Consumers premises	7	-	-
14	Totals	14	-	-

A sample of water was obtained from St. Wilfrid's spring. The result was satisfactory.

Chemical Analysis of Water.

Seven samples have been taken during the year. All were satisfactory. A typical analysis is as follows :—

	<i>Parts per 100,000</i>				
Total solids	6.0
Chlorine (combined)	1.4
Nitrites	Nil
Nitrates	Nil
Ammonia (free)005
Ammonia (Albuminoid)002
Total hardness	4.2
pH Value	9.6

This is water of good organic quality.

RICHARDSON & JAFFE,
Public Analysts.

Plumbo-Solvency.

Two samples have been taken with negative results. In addition, 7 other tests have been made for metallic contamination again with negative results.

Consumption of Water.

	<i>Gallons</i>				
Water passed through sand filters	78,941,000
" " " mechanical filters	130,015,000
" " " unmetered	Nil
Total consumption of water	208,956,000
Average daily consumption	570,918
Daily consumption per head of population served	42

1948.
RAINFALL.

<i>Month</i>		<i>Lumley Moor</i>	<i>Ripon Grammar School</i>
January	..	8.01	6.39
February	..	2.31	1.32
March	..	1.06	1.54
April	..	2.97	2.26
May	..	1.58	1.00
June	..	3.45	3.70
July	..	.89	0.61
August	..	3.87	3.49
September	..	1.56	1.74
October	..	.62	0.56
November	..	1.04	0.72
December	..	3.01	2.73
Totals	..	30.37	26.06

The respective ordnance datum levels of the above rainfall recording gauges are as follow—

Lumley Moor .. 600 ft. above sea level.
Ripon Grammar School 150 ft. „

We are indebted to Mr. W. J. Strachan, Head Master, for the rainfall figures at the Grammar School.

Comparative figures for the past 10 years are as follows :—

<i>Year</i>	<i>Lumley Moor</i>	<i>Ripon City</i>
1939	34.07	29.35
1940	30.71	23.27
1941	31.07	25.92
1942	29.57	22.55
1943	28.94	23.14
1944	33.44	30.16
1945	30.25	24.57
1946	42.02	33.40
1947	30.67	28.68
1948	30.37	26.06

Drainage and Sewerage.

The only extension of sewers has been to the Holmfield Housing Estate on which Corporation houses are to be erected.

Rivers and Streams.

This work is normally carried out by the West Riding Rivers Board. The only action necessary by the Local Authority has been to prevent a private drain from discharging sewage into the River Skell.

Sanitary Conveniences.

The approximate numbers of houses in the City, at the end of 1948, using different types of conveniences are as follows :—

Using	water closets	..	..	..	2,631
„	waste water closets	..	..	..	26
„	pail closets	..	..	..	2
„	privies	..	..	..	2

Refuse Removal.

	Motor	1,975 tons	
	Cart	1,012 tons	2,987 tons
Amount of refuse collected	..	..	308.8 ..
Amount per 1,000 population ..	..	..	.84 ..
Average weight per day per 1,000 population	..	..	1.06 ..
Average weight per house per annum	..	..	£2,191
Net cost, collection	..	..	£697
disposal	..	..	14/8d.
Cost of collection per ton	..	..	4/8d.
„ disposal per ton	..	..	19/4d.
„ collection and disposal per ton	..	..	£298
Net cost per 1,000 population	..	..	21/3d.
Net cost per house per annum	..	..	£56
Income from collection of trades refuse	..	..	3,815
Mileage recorded by motor vehicle	..	..	2,690
„ by cart (estimated)	..	..

Comparative costs since 1939 :—

1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Total net cost of collection and disposal :—									
£1380	£1488	£1600	£1748	£1778	£1890	£1928	£1935	£2365	£2888
Cost per ton, collection and disposal :—									
7/11	8/1	9/6	11/2	11/10	13/-	13/-	13/1	15/9	19/4
Cost per house per week :—									
2½d.	2½d.	3d.	3d.	3½d.	3½d.	3½d.	3½d.	4½d.	5d.

The delivery of a new motor vehicle to replace the horse and cart is expected early in 1949.

SALVAGE OF MATERIALS.

During the year ended March 31st, 1949, the following materials were salvaged and returned to industry for re-use :—

Item	Weight				Value		
	T.	C.	Q.	lbs.	£	s.	d.
Paper	101	2	2	-	800	14	8
Textiles	1	8	2	14	17	3	6
Bones		2	2	0		13	8
Jars	450	dozen			11	3	4
Bottles	54	„			2	15	6
Heavy Iron	1	2	2	0	2	10	8
Aluminium			1	3		6	9
Brass			1	3		6	9
Totals ..	103	16	2	20	835	14	10
Cost ..					£452	0	0
Profit ..					£383	14	10

The collection of waste paper during 1948 reached the highest figure since 1943 and was a 63% increase on 1947. The salvage bonus given by the Board of Trade is handed over to the workmen as an incentive to improve salvage collections and this, together with a larger release of paper generally, probably accounts for the satisfactory result.

Figures for the previous years have been as follows :—

	1942/3	1943/4	1944/5	1945/6	1946/7	1947/8	1948/9
Weight (tons)	238	155	65	53	68	65	104
Value	£1137	£785	£481	£390	£505	£510	£836
Yearly profit	£554	£352	£301	£188	£225	£245	£384
Cumulative profit	£932	£1284	£1585	£1773	£1998	£2243	£2627
Proportion of profit (per £1 income)	10/-	9/-	12/6	10/-	8/9	9/7	9/2

SANITARY INSPECTIONS.

The summary of inspections during the year is as follows :—

Houses (including re-inspections) :

Inspections for repairs, etc.	..	..	..	..	..	..	136
Corporation houses inspected	..	..	..	..	..	..	108
Overcrowding	..	..	..	..	..	..	4
Infectious diseases	..	..	..	..	..	..	14
Verminous and/or dirty houses	..	..	..	..	..	..	13
Re requisitioning	..	..	..	..	..	..	5
Offensive accumulations	..	..	..	..	..	..	12
Keeping of Animals	..	..	..	..	..	..	7
Reports to N.S.P.C.C.	..	..	..	..	..	..	2
Miscellaneous	..	..	..	..	..	..	67

General :

Common Lodging House	..	..	..	..	..	..	12
Slaughterhouse (including meat inspection)	..	..	..	..	..	..	268
Tents, Vans and Sheds	..	..	..	..	..	..	36
Petroleum Storage	..	..	..	..	..	..	14
Factories	..	..	..	..	..	..	18
Shops	..	..	..	..	..	..	13
Schools	..	..	..	..	..	..	15
City Mortuary	..	..	..	..	..	..	7
Drainage	..	..	..	..	..	..	32

Milk, etc. :

Cowsheds	..	..	..	..	..	..	9
Dairies and milkshops	..	..	..	..	..	..	22

Food :

Foodshops and stalls	..	..	..	..	..	..	31
Bakehouses	..	..	..	..	..	..	17

Miscellaneous :

Complaints received	..	..	..	..	..	..	699
Interviews granted (housing)	..	..	..	..	..	..	985
(public health)	..	..	..	..	..	..	180
Visits re housing applications	..	..	..	..	..	..	69

SANITARY WORK CARRIED OUT AS A RESULT OF SERVICE OF NOTICES.

Dwelling Houses :

Roofs repaired	71
Walls and ceiling plaster repaired	92
Sashcords renewed	37
Firegrates and cooking ranges repaired	29
New sinks	28
Sink waste pipes repaired or renewed	22
Water pipes repaired	31
Yards and paths repaired	19
Floors repaired	31
External walls repaired	19
Dust bins provided	46
Water supply provided inside houses	8

Drainage and W.C.'s :

Inspection covers renewed	11
Drains cleansed	32
Drains repaired	31
Cisterns repaired or renewed	19
Structures repaired	43

Nuisances abated :

Keeping of Animals	9
Dirty houses cleansed	8
Miscellaneous	24

SHOPS.

Number of inspections	17
Minor contraventions found	4

TENTS, VANS AND SHEDS.

Number of inspections	30
Notices re abatement of unsatisfactory conditions	14

The shortage of housing accommodation has driven a number of families to caravan life. It is a case of necessity rather than choice, and such caravans are often situated on sites which are quite unsuitable for the purpose. As far as circumstances will permit, improvements are effected.

SMOKE ABATEMENT.

The attention of certain factory managers has been drawn to the occasionally excessive emission of black smoke. As on previous occasions the cause is said to be poor quality fuel and overloaded plant. The supply position of better class fuel and plant equipment, while still difficult, is better than in previous years and managements will be persuaded to take such action as will result in smoke emission conforming to byelaw standard.

SWIMMING BATHS.

The process of continuous filtration, chlorination and heating of the spa baths water has been satisfactorily carried out during the year 1948. Samples of the water have conformed to the standard required by the Ministry of Health.

There are no privately owned swimming baths in the City.

ERADICATION OF BUGS, ETC.

The number of bug infested houses appears to be decreasing annually. This satisfactory condition is probably due in part to the extended use of D.D.T. and other materials which, with improved methods of use, have spelt death to the vermin in houses with a notoriously bad history of infestation.

As a wartime scientific discovery, D.D.T. has already proved of inestimable value in the realms of public health.

Corporation houses disinfested of bugs	..	..	3
Private	„	„	4

12 infestations of cockroaches and 3 excessive infestations of flies in roof spaces were also dealt with.

SCHOOLS.

Minor improvements have been carried out to sanitary conveniences at 2 primary schools. At other schools they are reasonably good, having in mind the generally worn out conditions and badly situated positions of the primary schools buildings.

COMMON LODGING HOUSE.

Number registered	..	..	..	..	1
Number of inspections	..	..	..	..	16

The lodging house has been well maintained throughout the year.

OFFENSIVE TRADES.

One offensive trade—a tripe dresser—is registered in the City. Conditions have been reasonably good.

RAT DESTRUCTION.

The following is a summary of action taken during the year :—

Infestations in hand at the end of 1947	..	..	7
Complaints received during 1948	..	..	73
			—
Total	..		80
			—
Infestations cleared by Health Dept.	..	..	75
Infestations in hand December, 1948	..	..	5
Number of visits to infected premises	..	..	280

The baits used were arsenious oxide and zinc phosphide in sausage rusk. In suitable cases H.C.N. in the form of cymag powder was used.

FACTORIES ACT, 1937.

Prescribed particulars on the administration of the Act.

PART I OF THE ACT.

1.—**Inspections** for the purposes of provisions as to health.

Premises	Number on Register	Number of		
		Inspection	Written notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, & 6, are to be enforced by Local Authorities	118	26	15	Nil
(ii) Factories not included in (1) in which Section 7 is enforced by the Local Authorities	—	—	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority excluding out-workers' Premises).	—	—	—	—
Total	118	26	15	Nil

2.—Cases in which **defects** were found.

Particulars.	From 1947	Number of cases in which defects were found	
		Found	Remedied
Want of cleanliness (S.1)	—	6	6
Overcrowding (S.2)	—	—	—
Unreasonable temperature (S.3)	—	—	—
Inadequate ventilation (S.4)	—	—	—
Ineffective drainage of floors (S.6)	—	—	—
Sanitary Conveniences (S.7)			
(a) Insufficient	2	5	6
(b) Unsuitable or defective	2	4	4
(c) Not separate for sexes	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—
Totals	4	15	16

Two notifications of outworkers—dealing with wearing apparel—were received during the year in accordance with Sec. 109 of the Factories Act. These premises were found to be satisfactory.

The numbers and types of factories in Ripon are summarised as follows :—

Scrap Metal. Rag Sorting	..	..	..	..	..	..	2
Joinery, etc.	..	..	..	..	..	..	8
Firewood	..	..	..	..	..	..	6
Cycle repairing	..	..	..	..	..	..	8
Monumental Mason	..	..	..	..	..	..	1
Beer brewing and bottling.	Aerated water making, etc.	..	..	..	..	..	2
Paints and Varnishes, etc.	..	..	..	..	..	..	5
Oxide of iron pigments	..	..	..	..	..	..	1
Motor vehicle repairs	..	..	..	..	..	..	11
Laundries	..	..	..	..	..	..	5
Corn grinding	..	..	..	..	..	..	1
Engineering, jobbing	..	..	..	..	..	..	4
Baking and confectionery	..	..	..	..	..	..	14
Footwear repairs	..	..	..	..	..	..	7
Cabinet making. Antiques	..	..	..	..	..	..	3
Concrete products	..	..	..	..	..	..	2
Sausage, etc. making	..	..	..	..	..	..	8
Wood trimming	..	..	..	..	..	..	1
Printing	..	..	..	..	..	..	2
Tailoring	..	..	..	..	..	..	4
Grist Mill	..	..	..	..	..	..	1
Plumbing	..	..	..	..	..	..	8
Dressmaking, etc.	..	..	..	..	..	..	9
Malting	..	..	..	..	..	..	1
Bobbin making	..	..	..	..	..	..	1
Coal gas, Ammonium sulphate	..	..	..	..	..	..	1
Engineering, constructional	..	..	..	..	..	..	2
Wool grading, etc.	..	..	..	..	..	..	1
Cellulose solutions	..	..	..	..	..	..	1
Saddler	..	..	..	..	..	..	1
Sugar confectionery	..	..	..	..	..	..	1
Amusement machinery manufacture	..	..	..	..	..	..	1
Burling and mending	..	..	..	..	..	..	1
Total							124

STORAGE OF PETROLEUM SPIRIT.

Number of premises licensed to store petroleum	..	..	..	32
Quantity covered by licences (galls.)	..	..	..	42,510
Quantity of mixtures of petroleum (galls.)	..	..	..	360
Number of inspections	..	..	..	11

BYELAWS AND REGULATIONS IN FORCE IN THE CITY.

(1) Cleansing of Footways and Pavements	..	..	..	1907
(2) Prevention of Nuisances	..	..	..	1907
(3) Removal of Refuse	..	..	..	1907
(4) Good Rule and Government	..	..	..	1908
(5) Common Lodging Houses	..	..	..	1909
(6) Cemeteries	..	..	..	1923
(7) Tents, Vans and Sheds	..	..	..	1923
(8) Slaughterhouses	..	..	..	1926
(9) Smoke Abatement	..	..	..	1931
(10) Gypsy Encampments and Caravan Dwellers	..	..	..	1933
(11) Fouling of Footways by Dogs	..	..	..	1933
(12) Waterworks	..	..	..	1935
(13) New Streets and Buildings	..	..	..	1939
(14) Employment of Children	..	..	..	1940

SECTION D. HOUSING.

New houses :—

Houses erected by Corporation	(1949)	39
Flats provided by Corporation		2
Houses erected by private enterprise		14
Flats provided by		6
Total additional units during year		61
1. Inspection of dwelling houses :—		
(a) Number of dwelling houses inspected for housing defects (under P.H. or H. Acts)		32
(b) Number of inspections for the purpose		39
(c) Number found not in all respects fit for human habitation		31
2. Repairs carried out by informal action :—		
Number of dwelling houses rendered fit		22
3. Proceedings under Public Health Act :—		
Number of dwelling houses in respect of which notices were served requiring repairs		9
4. Overcrowding :—		
33 cases of overcrowding were relieved during the year, as follows :—		
(i) By removal of Corporation tenants to larger houses ..		4
(ii) .. private tenants to Corporation houses ..		13
(iii) .. families from lodgings to Corporation houses		16
		33
5. Five-year programme—Clearance areas :—		
(a) Number of houses condemned but occupants not rehoused		78
(b) Approximate number of persons involved		272
(c) Number of condemned houses re-occupied		17

MANAGEMENT OF CORPORATION ESTATES.

At the end of 1948, Corporation estates comprised the following :—

	Size					Totals
	1 B.R.	2 B.R.	3 B.R.	4 B.R.	5 B.R.	
(a) Houses built prior to 1939	40	78	* 284	14	1	417
(b) Flats built prior to 1939		24				24
(c) Houses built post war			53	4		57
(d) Flats provided post war (Holmfield)	2	2	2			6
(e) Flats provided post war (Yoredale)		2	3			5
(f) Premises requisitioned	1	4	5	2	2	14
	43	110	347	20	3	523

*There is a reduction of 1 in this figure, due to the house 13, Newton Gardens, being demolished because of subsidence.

These premises are occupied by approximately 2,480 persons or more than 25% of the City's population.

Applications for Houses.

At the end of 1948, applications for houses were as follows :—

Applicants living in rooms	60
„ „ with relatives	269
„ „ with strangers	109
„ „ in own houses	265
„ for bungalows	40
	<hr/>
	743
	<hr/>

An increase of 57 during the year.

In accordance with Ministry of Health Circular No. 171/48 the application list is to be revised during January, 1949.

Lettings.

During the year 66 properties became available for letting, with accommodation as follows :—

	1 B.R.	2 B.R.	3 B.R.	4 B.R.
Gallows Hill Estate ..	-	-	29	3
Bondgate (new houses) ..	-	-	3	-
Flats, Holmfield ..	1	1	-	-
Estate houses vacated ..	2	10	11	-
„ flats vacated ..	-	1	-	-
Old houses vacated ..	-	1	-	-
Requisitioned houses vacated	1	2	1	-
	<hr/>	<hr/>	<hr/>	<hr/>
	4	15	44	3
	<hr/>	<hr/>	<hr/>	<hr/>

These 66 properties were all let to new tenants, 60 according to the points scheme, 5 by advertisement and separate application, and 1 by transfer consequent upon the death of the tenant.

Exchanges.

15 Corporation tenants were transferred as follows :—

(a)	To relieve overcrowding or for health reasons	2 B.R. to 3. B.R.	4
(b)	To give improved accommodation	2 B.R. 1st Fl. to 2 B.R. G. Fl.	1
(c)	„ „	3 B.R. to 3 B.R. ..	5
(d)	„ „	3. B.R. to 3 B.R. (parlour)	1
(e)	Exchanges from	3 B.R. to 1 B.R.	1
(f)	„	3 B.R. to 2 B.R.	1
(g)	„	2 B.R. to 1 B.R.	1
(h)	„	1 B.R. to 1 B.R. old house	1
			<hr/>
			15
			<hr/>

Requisitioned properties.

The Corporation hold 15 properties under requisitioning powers, as follows :—

Yoredale, North Road.
 4, Park Street.
 4, Allhallowgate.
 8b, Market Place.
 8, Blossomgate.
 The Chalet, Whitcliffe Grove.
 10, Kirkgate.
 11, Kirkgate.
 8, Central Court.
 21, Fountains Terrace.
 3, Borrage Lane.
 2, Canal Road.
 16a, Palace Road.
 4, High Skellgate.
 9, Bondgate.

Yoredale Hotel now consists of 5 flats. One house which had been vacant a long time was requisitioned, repaired and put into occupation during the year.

Housing Repairs.

From April, 1948, a new system of ordering repairs to Corporation Estates houses was instituted. All repairs are authorised through the Housing Department, and this method, together with an individual house record card for repairs, etc. will indicate those houses with a bad history for repairs or, conversely, those tenants who exercise more care in the use of the house and its fitments.

In cases where there is any doubt regarding the necessity of repairs or renewals, an inspection is made by the Housing Estates Manager. In some cases the repairs requested have not been agreed to.

The replacement of broken window glass by the Corporation has been greatly curtailed, and is now replaced only in those cases where breakages are due to structural or other defects for which the tenant cannot be held responsible. Similar action has been taken in respect of other fitments—*e.g.* wash basins.

The system is working satisfactorily and has been favourably commented on by the District Auditor.

Requisitions issued for work by direct labour	..	..	..	731
Orders " " tradesmen	..	..	..	38
				<hr/>
		Total	..	769
Completed by March 31st, 1949	..	..	..	718
				<hr/>
Outstanding on March 31st, 1949	..	..	..	51
				<hr/>

The following is a list of the work carried out :—

Work Authorised.	Number
Burst water pipes repaired	53
Water tanks repaired	16
Back boilers repaired or renewed	40
Water taps washered or repaired (h. & c.)	146
Ball valves and taps adjusted, etc.	10
W.C. cisterns adjusted or repaired	85
W.C. cisterns renewed	1
W.C. pedestals renewed	3

	23	Number
W.C. joints remade	6	
Wash-basins renewed	13	
Sinks renewed	2	
Sink waste pipes repaired or renewed	35	
Soil pipes repaired	3	
Waste/fallpipes repaired	10	
Bathroom conversions	6	
Gas pipes repaired	1	
Hot water pipes repaired	2	
Eaves gutters repaired	2	
Lead gutters repaired	5	
Door furniture repaired	45	
Doors repaired or refixed	37	
Coat rails refixed	4	
Handrails refixed	4	
Threshwoods renewed	15	
Windows—wooden sashes repaired	24	
Windows—metal sashes repaired	17	
Tool sheds repaired	9	
Sink draining boards renewed	32	
Clothes posts refixed or renewed	25	
Cupboards, drawers, etc. repaired	8	
W.C. seats repaired or renewed	22	
Floor boards repaired	3	
Fencing repaired	17	
Fireplace parts renewed	51	
Plasterwork repaired	61	
Footpaths repaired	10	
Brick boundary walls repaired	5	
External walls pointing	4	
Chimney stacks repaired	11	
Tiles round sinks	5	
Houses painted	82	
Window glass renewed	18	
Drainage gullies repointed	7	
Drainage gullies cleansed	35	
Electric switches, plugs, etc. renewed	44	
Electric wiring repaired	23	
Electric fuses repaired	3	
Gas wash boilers renewed	6	
Gas wash boilers repaired	5	
Gas pipes leaking	5	
Gas lighting fittings repaired or renewed	7	
		1083

SECTION E.
INSPECTION AND SUPERVISION OF FOOD.
MILK.

28 samples of ordinary milk were taken and submitted for methylene blue test. Results were as follows :—

Number of samples	Decolourised in	Result
24	5½ hours	Satisfactory
1	4½ hours	Unsatisfactory
2	3½ hours	„
1	1½ hours	„

During the year 1947 the percentage of unsatisfactory samples was 24. During 1948 the percentage was 14, and this includes 1 sample which, being decolourised at the end of $4\frac{1}{2}$ hours, was only just below standard. Appropriate action was taken in the case of the unsatisfactory samples.

Three samples of Tuberculin Tested milk and four samples of Pasteurised milk were taken and found satisfactory.

Seven samples were submitted for B. Tuberculosis, all were negative.

Retail Purveyors of milk.

Number on Register Jan. 1st	..	..	..	14
„ discontinued ..	..	..	..	1
„ on Register Dec. 1st	..	..	..	13

Cowsheds.

Number on Register	8
-----------------------	----	----	----	---

Milk (Special Designations) Order, 1936.

Number of Licences to sell T.T. milk ..	..	3
„ „ „ „ Pasteurised milk ..	..	2
No designated milk is produced or bottled within the City.		

ICE CREAM.

Number of producers in Ripon ..	..	2
„ premises registered for sale ..	..	13

The two manufacturers are proceeding with improvements to their premises and equipment to comply with the Ice Cream (Heat Treatment) Regulations, 1947.

Samples have been taken and submitted for the methylene blue test as follows :—

	Reduction time	Provisional Grade
12	$4\frac{1}{2}$ hours	1
2	$3\frac{1}{2}$ hours	2
1*	1 hour	3

Two consecutive bad samples were found in respect of the one marked* above, the previous sample being in 1947. As this particular ice cream was produced in the North Riding, the matter was referred to the Medical Officer of Health for that area and none of this ice cream has since been sold in Ripon.

MEAT AND OTHER FOODS.

Slaughterhouses.

Number of registered slaughterhouses ..	..	5
Number of licensed slaughterhouses ..	..	5

Due to centralised slaughtering, the only slaughterhouse in use is a licensed one requisitioned by the Ministry of Food.

Slaughtermen's Licences.

Number issued or renewed 26

Slaughtering and Condemnations.

(The figures given in this table include condemnations of either whole or part carcasses or any edible offals).

	Cattle	Calves	Sheep and Lambs	Pigs	Total
Number of animals killed and inspected	974	153	2843	92	4062
All Diseases ex. T.B. :					
Whole carcasses cond.'d	17	4	24	—	45
Parts of „ „ ..	784	13	350	24	1171
Percentage affected ..	82.2	11.1	13.2	26.1	29.9
Tuberculosis only :					
Whole carcasses cond.'d	31	—	—	6	37
Parts of „ „ ..	280	2	—	2	284
Percentage affected ..	31.9	1.3	—	8.7	7.9

Total weight of meat condemned .. 17 t. 13 c. 61 lbs.

The following figures show a comparison with previous years :—

	1942	1943	1944	1945	1946	1947	1948
Total No. of animals slaughtered } Total weight condemned	7973 16½ tons	8733 18½ tons	8896 25½ tons	8001 20½ tons	6449 17½ tons	4476 21 tons	4062 17½ tons

A detailed analysis of the causes of condemnation for the year 1948 is as follows :—

Generalised Tuberculosis	. 15493 lbs.	39.2%
Distomatosis	6220 „	15.8%
Localised Tuberculosis	.. 4623 „	11.7%
Oedema	3980 „	10.1%
Inflammation	1432 „	3.6%
Abscesses	1239 „	3.2%
Fever	1105 „	2.8%
Moribund	791 „	1.9%
Mastitis	781 „	1.8%
Bruising	689 „	1.7%
Actinomycosis	568 „	1.4%
Peritonitis	478 „	1.3%

Septicaemia	483	„	1.3%
Putrefaction	379	„	.9%
Pleurisy	268	„	.6%
Cysts	249	„	.6%
Angiomatosis	240	„	.6%
Pneumonia	164	„	.4%
Strongylosis	146	„	.3%
Joint Ill	93	„	.2%
Johnes Disease	72	„	.1%
Emaciation	32	„	.1%
Necrosis	30	„	.1%
Emphysema	24	„	.1%
Erysipelas	15	„	.1%
Fatty Degeneration	3	„	.1%

The following is a list of meat and offals condemned because of disease or otherwise unfit for human consumption :—

Cattle :				<i>Number</i>	<i>Weight</i>
Carcases .. .. .	..	..	..	48	20622 lbs.
Parts of Carcases .. .. .	..	..	..	18	1935 „
Livers (Whole and Part) .. .. .	..	..	..	635	6883 „
Heads and Tongues .. .. .	..	..	..	92	2753 „
Lungs and Hearts .. .. .	..	..	..	195	2046 „
Skirts .. .. .	..	..	..	44	86 „
Melts .. .. .	..	..	..	16	31 „
Fat .. .. .	..	..	..	8	94 „
Tripes and Guts .. .. .	..	..	..	10	226 „
Udders .. .. .	..	..	..	46	738 „
Sheep :					
Carcases .. .. .	..	..	..	24	1272 „
Parts of Carcases .. .. .	..	..	..	5	110 „
Livers .. .. .	..	..	..	265	716 „
Plucks .. .. .	..	..	..	74	401 „
Heads .. .. .	..	..	..	6	46 „
Calves :					
Carcases .. .. .	..	..	..	4	329 „
Offals .. .. .	..	..	..	15	115 „
Pigs :					
Carcases .. .. .	..	..	..	6	895 „
Parts of Carcases .. .. .	..	..	..	3	96 „
Offals .. .. .	..	..	..	23	203 „
Totals .. .. .				..	39,597 lbs.

FOODSTUFFS (OTHER THAN FRESH MEAT) CONDEMNED.

Corned Beef	511 lbs.
Corned Mutton	12 „
Brisket Beef	6 „
Sausages	10 „
Minced Beef Loaf	21 „
Stewed Steak	1 „
Soup	8 „
Canned Peas	57 „
Canned Beans	165 „
Salmon	19 „
Fish	182 „
Canned Fish	11 „
Evaporated Milk	165 „
Condensed Milk	3 „
Canned Fruit	36 „
Apples	35 „
Tomatoes	23 „
Carrots	60 „
Jam	32 „
Prunes	10 „
Chocolate Spread	41 „
Spaghetti	1 „
Ham	5 „
Flour	7 „
All Bran	10 „
Sponge Mixture	5 „
Sugar	10 „
Margarine	4 „
Canned Vegetables	1 „
Pickles	8 „
Orange Juice	2 „
Total weight	13 cwts. 5 lbs.

SAMPLING OF FOODSTUFFS.

The West Riding County Council is the authority responsible for the sampling of foodstuffs for quality, and we are indebted to the Sampling Officer for the following information as to samples taken during 1948 :—

	<i>Milks</i>	<i>Other Foods</i>	<i>Drugs</i>
Genuine	21	6	1
Adulterated	0	1	0

The only unsatisfactory sample was one of meat pies. These contained 89.2% of the minimum amount of meat required.

The vendor was prosecuted and fined.

Prevalence and Control over Infectious and Other Diseases—continued.

	Erysipelas		Cerebro-Spinal Fever		Other notifiable Diseases	Original Notification		Final Nos.	
	M	F	M	F		M	F	M	F
Nos. originally notified :—									
Civilians (all ages) ..	1	—	—	—	CIVILIANS	—	—	—	—
Non-Civilians (all ages) ..	—	—	—	—	Puerperal Pyrexia ..	—	—	—	—
Final Nos. after correction :—					Ophthalmia Neonatorum	—	—	—	—
Civilians	—	—	—	—	Malaria (contracted in	—	—	—	—
0— ..	—	—	—	—	England and Wales ..	—	—	—	—
5— ..	—	—	—	—					
15— ..	—	—	—	—					
45— ..	—	—	—	—					
65 and over ..	1	—	—	—					
Age N.K. ..	—	—	—	—	NON-CIVILIANS				
Total Civilians ..	1	—	—	—	Puerperal Pyrexia ..	—	—	—	—
Non-Civilians	—	—	—	—	Malaria (contracted in	—	—	—	—
15—or N.K.	—	—	—	—	England and Wales) ..	—	—	—	—
45 and over ..	—	—	—	—					
Total Non-Civilians ..	—	—	—	—					

Diphtheria.

No notifications were received during the year.

Immunisation.

Routine immunisation was carried out in the Schools and at the Welfare Centre. Private Practitioners also did a good deal.

The following figures show the results :—

	<i>Under 5 years.</i>		<i>5—14 years.</i>		<i>Total.</i>
Number immunised during 1948	146	..	39	..	185
Number who received refresher doses during 1948	16	..	77	..	93

The position at the 31st December, 1948, is as follows :—

					At 31st Dec., 1948	
					Under 5 years	5—14 years
Estimated population	..	..	..	..	884	1429
Number who had received complete course of immunisation	..	..	..	..	371	1018
Percentage immunised	..	..	..	..	40.99	73.40

These figures show that, while the percentage of the school population immunised is reasonably satisfactory, only two fifths of the population under 5 years of age is immunised.

It is believed that, in order to wipe out diphtheria, at least three quarters of the children should be protected before their first birthday. Much, therefore, remains to be done.

Age distribution of immunised children.

Year of Birth	1948	1947	1946	1945	1944	1939—43	1934—38	Total
No. immunised	3	96	104	98	70	456	562	1389
Estimated mid year population 1948	860					1405		2265

Scarlet Fever.

24 notifications were received during the year. The diagnosis was confirmed in all of these, giving an attack rate of 2.48 per 1,000 population as compared with 1.73 for the whole country, and 2.92 for 1947.

Erysipelas.

One case only was notified.

Pneumonia.

One case notified.

Whooping Cough.

There were 11 notifications, giving a notification rate of 1.13, as compared with a rate of 3.42 for the whole country, and 2.27 for 1947.

Measles.

One case only was notified.

Tuberculosis.

Seven new cases of pulmonary tuberculosis and three of non-pulmonary type were notified during the year.

The following tables give details :—

	MALES.		FEMALES.		Total
	Pul-monary	Non-Pul-monary	Pul-monary	Non-Pul-monary	
Number on Register 1st January, 1948	14	6	8	9	37
New notifications 1948	3	3	4	—	10
Number restored to register having been removed in previous quarter	1	—	—	—	1
Cases brought to notice otherwise than by formal notification	—	—	2	1	3
Number removed from register 1948	1	—	1	1	3
Number on Register 31st Dec., 1948	17	9	13	9	48

AGE AND SEX OF NEW CASES AND DEATHS FROM TUBERCULOSIS—1948.

	New Cases.				Cases removed from register due to death.			
	Males.		Females.		Males.		Females.	
	Pul-monary	Non-Pul-monary	Pul-monary	Non-Pul-monary	Pul-monary	Non-Pul-monary	Pul-monary	Non-Pul-monary
0— 1	—	—	—	—	—	—	—	—
— 5	1	1	—	—	—	—	—	—
—15	1	—	2	—	—	—	—	—
—25	—	2	2	—	—	—	—	—
—35	—	—	—	—	—	—	—	—
—45	1	—	—	—	—	—	—	—
—55	—	—	—	—	—	—	—	—
—65	—	—	—	—	—	—	—	—
65 and over	—	—	—	—	—	—	1	—
Total	3	3	4	—	—	—	1	—

Cancer. There were 25 deaths from various types of Cancer, giving a death rate of 2.58 per 1,000 population,

